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STATEMENT UNDER 37 CFR 3.73(b)										
Applicant	Palent Owner: MICHAEL E. RUNAS									
Applicatio	n No./Patent No.: 5500819	File	Filed/Issue Date: 03/19/1996							
Titled:	CIRCUITS, SYSTEMS AND METHODS FOR IMPROVING PAGE ACCESSES AND BLOCK TRANSFERS IN A MEMORY SYSTEM									
Intellectu	al Ventures II LLC	<sub>, а</sub> Limited Liabii	lity Company							
(Name of As	signes)	(Type of Assign	ee, e.g., corporation, parmership, university, government agency, etc.							
states tha	titis:									
1. 🔀	the assignee of the entire right, title, and in	terest in;								
2.	an assignee of less than the entire right, tille, and interest in  (The extent (by percentage) of its ownership interest is%); or									
3.	the assignee of an undivided interest in the	entirety of (a comple	te assignment from one of the joint inventors was made)							
the paten	t application/patent identified above, by virtue	of either:								
A. []	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a									
OR	copy therefore is attached.		•							
8. 🔀	A chain of title from the inventor(s), of the p	patent application/pate	nt identified above, to the current assignee as follows:							
	1. From: RUNAS, MICHAEL E.	***************************************	To: CIRRUS LOGIC, INC.							
	The document was recorded in t		int and Trademark Office at							
	Real 007177	Frame 0327	or for which a copy thereof is attached.							
	2. From: CIRRUS LOGIC, INC.		or for which a copy thereof is attached.  BANK OF AMERICA NATIONAL TRUST & To:SAVINGS ASSOCIATION, AS AGENT							
	The document was recorded in t	he United States Pate	ent and Trademark Office at							
	Reel 007986	Frame 0917	or for which a copy thereof is attached.							
	BANK OF AMERICA NAT 3. From: SAVINGS ASSOCIATIO	TIONAL TRUST ON, AS AGENT	& To: CIRRUS LOGIC INTERNATIONAL LTD.							
	The document was recorded in t									
	Reel 013782	Frame 0435	or for which a copy thereof is attached.							
	Additional documents in the chain of title									
As or	required by 37 CFR 3.73(b)(1)(i), the documenturently is being, submitted for recordation	nentary evidence of tr on pursuant to 37 CF	ne chain of title from the original owner to the assignee was, ${\sf R}(3.11,$							
(N	OTE: A separate copy (i.e., a true copy of it cordance with 37 CFR Part 3, to record the a	ie original assignment issignment in the reco	t document(s)) must be submitted to Assignment Division in rds of the USPTO. <u>See</u> MPEP 302.08]							
The linde	rsigned (where little is surplied below) is aut	horized to act on beha	alf of the assignee. $\frac{\sqrt{\sqrt{zo/4}}}{}$							
9	ignature / W / Y /		/ Date AUTHORIZED PERSON FOR							
David Di	icher		INTELLECTUAL VENTURES II LLC							
} = ===================================	rinted or Typed Name		Title							

This collection of information is required by 37 CFR 3.75(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)								
Applican	t/Patent Owner MICHAEL E. RUNAS							
	ion No./Patent No.: 5500819 Filed/Issue Dale: 03/19/1996							
Titled:	CIRCUITS, SYSTEMS AND METHODS FOR IMPROVING PAGE ACCESSES AND BLOCK TRANSFERS IN A MEMORY SYSTEM							
Intellect	ual Ventures II U.C., a Limited Liability Company							
(Name of A								
states th	eat it is:							
1. 🔀	the assignee of the entire right, little, and interest in;							
2.	an assignee of less than the entire right, title, and interest in  (The extent (by percentage) of its ownership interest is%); or							
3.	the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)							
the pate	nt application/patent identified above, by virtue of either:							
A. [	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy therefore is attached.							
OR								
8. 🔀	A chain of little from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:  BANK OF AMERICA NATIONAL TRUST & 1. From: SAVINGS ASSOCIATION, AS AGENT To: CIRRUS LOGIC, INC.							
	The document was recorded in the United States Patent and Trademark Office at  Real 024864 , Frame 0562 , or for which a copy thereof is attached.  BANK OF AMERICA NATIONAL TRUST &  2. From: SAVINGS ASSOCIATION, AS AGENT to: CIRRUS LOGIC, INC.  The document was recorded in the United States Patent and Trademark Office at  Real 024864 , Frame 0797 , or for which a copy thereof is attached.							
	3, From: CIRRUS LOGIC, INC. To: HUAI TECHNOLOGIES, LLC							
	The document was recorded in the United States Patent and Trademark Office at							
	Reel 025039 , Frame 0292 , or for which a copy thereof is attached.							
	Additional documents in the chain of title are listed on a supplemental sheet(s).							
	As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.							
8	NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in proceedings with 37 SFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]							
The und	lerèigned (whose title is supplied below) is authorized to act on behalf of the assignee.    Cold   Cold							
-David E	AUTHORIZED PERSON FOR							
	Printed or Typed Name INTELLECTUAL VENTURES II LLC							

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	STAI	<u>remen</u>	T UNDER 37 CFR 3.73(b)				
Applicant	t/Patent Owner; MICHAEL E. RUNAS						
Application	on No./Palent No.: <u>5500819</u>		Filed/Isaue Date: 03/19/1996				
Titled:			IMPROVING PAGE ACCESSES AND BLOCK TRANSFERS IN A				
Intelleciu	ial Ventures II LLC	, a	Limited Liability Company				
(Name of A	(Name of Assignee)		(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.				
states the	at it is:						
1. 🗵	the assignee of the entire right, title, and	interest	ing				
2.	an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is%); or						
3.	the assignee of an undivided interest in the	he entire	ety of (a complete assignment from one of the joint inventors was made)				
the paler	nt application/patent identified above, by virt	ue of eit	ther and the second of the sec				
A. [	An assignment from the inventor(s) of the the United States Patent and Trademark copy therefore is attached.	e patent Office a	t application/patent identified above. The assignment was recorded in at Reel, or for which a				
OR							
в. 🔀	A chain of title from the inventor(s), of the BANK OF AMERICA NA 1. From: SAVINGS ASSOCIAT	e patent ATION. 'ION.	application/patent identified above, to the current assignee as follows:  AL_TRUST_& _AS_AGENT_To:CIRRUS LOGIC, INC				
	The document was recorded in Real 024864 BANK OF AMERICA NA	n the Uni Fram TIONZ	ulted States Patent and Trademark Office at ne 0562 or for which a copy thereof is attached. AL TRUST & AS AGENT to: CIRRUS LOGIC, INC.				
	The document was recorded in	n the Un	itled States Patent and Trademark Office at				
	Reel 024864	Fram	ne 0797 or for which a copy thereof is attached.				
	3. From: CIRRUS LOGIC, INC.		To. HUAI TECHNOLOGIES, LLC				
			ited States Pateni and Trademark Office at				
	Reel <u>025039</u> ,	. Fram	or for which a copy thereof is attached.				
$\boxtimes$	Additional documents in the chain of tili						
or	r concurrently is being, submitted for recordi	ation pur					
9	NOTE: A separate soby (i.e., a true copy of social dance with 37 CFR Part 3, to record the	the orig assignr	pinal assignment document(s)) must be submitted to Assignment Division in ment in the records of the USPTO, <u>Sas</u> MPEP 302.08]				
	ersigned (whose futtle/is supplied below) is a	ulhorize	ed to act on behalf of the assignee.				
	Signature Y		, Date AUTHORIZED PERSON FOR INTELLECTUAL VENTURES II LLC				
	Printed or Typed Name		Title				

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)								
Applican	nt/Patent Owner	MICHAEL E. RUNA	S					
Application No./Patent No.: 8800819 Fil					Date: 03/19/1996			
Titled:								
intellect	uai Ventures I	ILLC	, a Lir	nited Liability Cor	npany			
(Name of #				(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.				
slates th	nat it is:							
1. 🔀	the assigned	of the entire right, little.	and interest in:	•				
2.	an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is%), or							
3.	the assigned	of an undivided interes	t in the entirety o	f (a complete assig	inment from one of the joint inventors was made)			
the pate		stent identified above, by			·			
A. []	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy therefore is attached.							
в.   <u>X</u>	A chain of til	le from the inventor(s) i	of the naterit ann	lication/natent iden	tified above, to the current assignee as follows.			
A. 18771		HUAI TECHNOLOGIE			NTELLECTUAL VENTURES II LLC			
The document was recorded in the United States Patent and Trademark Office at  Real 025446 Frame 0029 or for which a copy thereof is attached.								
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	R	eel	, Frame		, or for which a copy thereof is attached.			
	3. From:			To:				
	Ti	ne document was record	ed in the United					
	R	eel	, Frame		, or for which a copy thereof is attached.			
Additional documents in the chain of title are listed on a supplemental sheet(s).								
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of little from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.								
					nent(s)) must be submitted to Assignment Division in the USPTO. <u>See</u> MPEP 302.08]			
The undersigned (whose little is supplied below) is authorized to act on behalf of the assignee.								
	Signature	timen for an and the consequence of the consequence			Date AUTHORIZED PERSON FOR			
David 0	Dutcher				INTELLECTUAL VENTURES II LLC			
	Printed or Type	d Name			Title			

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or return a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to cornollele this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND PEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1458.